

ABSTRACT OF THE DISCLOSURE

A railway car drive system comprising a first railway car 1 mounting a power generation means 10, a power converter 20, a driving motor and a power storage means 50; a second railway car 2 mounting a power converter 20, a driving motor and a power storage means 50; and a power transmission means 40 connecting each said means; wherein said system further comprises a power management means 100 for controlling the generated power of the power generation means 10 and the power storage quantity of the power storage means 50, the power storage means 50 storing the power generated by the power generation means 10 and a regenerative power, the driving motor being driven via the power converter 20 using as power source the power generation means 10 and the power storage means 50 to thereby run the train.